

SEQUENCE LISTING

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Humphreys, Robert

<120> CANCER CELL VACCINE

<130> U.S. Application 09/205,995, (CIP)

<140> 09/205,995

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<150> 09/036,746

<151> 1998-03-09

<150> 08/661,627

<151> 1996-06-11

<160> 79

<170> PatentIn Ver. 2.0

<210> 1

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<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the Ii gene.

<400> 1

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<210> 2

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

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18

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oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 3
tctagcctct agtttttc 18

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of the mouse Ii gene.

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<223> Description of Artificial Sequence: antisense
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<210> 9

<211> 18

<212> DNA

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<210> 10

<211> 18

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<223> Description of Artificial Sequence: antisense
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18

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gctcacaggt ttggcaga 18

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<400> 13
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<210> 14
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18

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18

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gttctgggag gtgatggt

18

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<212> DNA
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<400> 18

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18

<210> 19

<211> 18

<212> DNA

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<223> Description of Artificial Sequence: antisense
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of the mouse Ii gene.

<400> 19

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<210> 20

<211> 18

<212> DNA

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<400> 20

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<210> 21

<211> 18

<212> DNA

<213> Artificial Sequence

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<400> 21

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<210> 23
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of the mouse Ii gene.

<400> 23
gtaagcagtg gtggcctg 18

<210> 24
<211> 18
<212> DNA
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<220>
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oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 24
ggtggcctgc ccagccaa 18

<210> 25
<211> 18
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of the mouse Ii gene.

<400> 25

cccagccaag agcagagc

18

<210> 26

<211> 18

<212> DNA

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<223> Description of Artificial Sequence: antisense
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of the mouse Ii gene.

<400> 26

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<210> 27

<211> 18

<212> DNA

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<223> Description of Artificial Sequence: antisense
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<400> 27

caccaggaca gagacacc

18

<210> 28

<211> 18

<212> DNA

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<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 28

agagacaccg gtgtacag

18

<210> 29

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

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<400> 29

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<211> 18

<212> DNA

<213> Artificial Sequence

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<400> 30

18

<210> 31

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

<400> 31

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<210> 32

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

<400> 32

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<210> 33

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 33

tctagggcgg ttgccag

18

<210> 34

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 34

gttgcccagt atgggcaa

18

<210> 35

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 35

tatgggcaac tgttcatg

18

<210> 36

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: antisense
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of the mouse Ii gene.

<400> 36

Sequence 18

18

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

<400> 37

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<210> 38

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

<400> 38

18

<210> 39

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

<400> 39

18

<210> 40

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \sum_{n=0}^{\infty} a_n x^n$, where a_n are the coefficients of the power series. It is shown that the function $f(x)$ is analytic in the disk $|x| < 1$ and that it satisfies the functional equation $f(x) = x f(x^2) + 1$.

<400> 40
ttggtcatcc atggctct

18

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<210> 41
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<220>
<223> Description of Artificial Sequence: antisense
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of the mouse Ii gene.

<400> 41
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<210> 42
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<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 42
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<210> 43
<211> 18
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<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 43
atccatggct ctagccct

18

<210> 44
<211> 18
<212> DNA

18

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 0000 0000 0000 0000 0000 0000 0000

<210> 48
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 48
ctgctgctgt tgctgctg 18

<210> 49
<211> 18
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 49
gtcgcgttgg tcatccat 18

<210> 50
<211> 18
<212> DNA
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<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 50
tcgcgttggt catccatg 18

<210> 51
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region

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18

<213> Artificial Sequence

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

18

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<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

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<213> Artificial Sequence

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

18

<213> Artificial Sequence

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

ggtcattccat ggctctag

18

<211> 18

<212> DNA

<213> Artificial Sequence

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

cacggctgca cctttctg

18

<211> 18

<212> DNA

<213> Artificial Sequence

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

cggctgcacc tttctggc

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<211> 18

<212> DNA

<213> Artificial Sequence

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

tgcaccttc ttggtctc

18

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<210> 59
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 59
cacctttctg gctctcta

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<210> 60
<211> 18
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 60
acctttctgg ctctctag

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<210> 61
<211> 18
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 61
ctttctggct ctctaggg

18

<210> 62
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
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<213> Artificial Sequence

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

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<213> Artificial Sequence

<223> Description of Artificial Sequence: antisense oligonucleotide corresponding to a specific region of the mouse Ii gene.

18

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000

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
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aacagttgcc catactgggc aaccgcccta gagagccaga aag 103

<210> 69

<211> 91

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 69

atactgggca accgccctag agagccagaa aggtgcagcc gtggagctct gtacaccggt 60
gtctctgtcc tgggtggctct gctcttggt g 91

<210> 70

<211> 134

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 70

acctgtgagc cagatgcgga tggctactcc cttgctgatg cgtccaatgt ccatggataa 60
catgctcctt gggcctgtga agaacgttac caagtacggc aacatgaccc aggaccatgt 120
gatgcacatg ctca 134

<210> 71

<211> 145

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Reverse gene
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the mouse Ii gene.

<400> 71

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<210> 72
<211> 169
<212> DNA
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<223> Description of Artificial Sequence: Reverse gene construct corresponding to a specific region of the mouse Ii gene.

gggtcccaga cacacagcag cagcagcagc agcagcagca gcaacagcag cagcagcagc 60
agcgcctgtg ggaaaaacta gaggctagag ccatggatga ccaacgcgac ctcattctcta 120
accatgaaca gttgcccata ctgggcaacc gccctagaga gccagaaaag 169

<213> Artificial Sequence

<223> Description of Artificial Sequence: Reverse gene construct corresponding to a specific region of the mouse Ii gene.

ccatggatga ccaacgcgac ctcattctcta accatgaaca gttgcccata ctgggcaacc 60
gccctagaga gccagaaagg tatgtgtgaa taccagcaga gagcccttac ctctggagga 120
cacagaatgc aggcctgggg agggacacag agctctgttg 160

<213> Artificial Sequence

<223> Description of Artificial Sequence: Reverse gene construct corresponding to a specific region of the mouse Ii gene.

gtgcagccgt ggagctctgt acaccggtgt ctctgtcctg gtggctctgc tcttggtctg 60
gcaggccacc actgcttact tcctgtacca gcaacagggc cgcctagaca agctgaccat 120
cacctcccag aacctgcaac tggagagcct tcgcatgaag cttccgaaat gtgcgtgctc 180

[illegible]

cacctgtccc tcacctcaca gacatcattt ctccatttag cccctcccga tctgcct 237

<210> 75

<211> 107

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Reverse gene
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the mouse Ii gene.

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agcgcctgtg ggaaaaacta gaggctagag ccatggatga ccaacgc 107

<210> 76

<211> 104

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 76

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tctgtacacc ggtgtctctg tcttggtggc tctgctcttg gctg 104

<210> 77

<211> 190

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Reverse gene
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the mouse Ii gene.

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gggtcccaga cacacagcag cagcagcagc agcagcagca gcaacagcag cagcagcagc 60
agcgcctgtg ggaaaaacta gaggctagag ccatggatga ccaacgcgac ctcatctcta 120
accatgaaca gttgcccata ctgggcaacc gccctagaga gccagaaagg tgcagccgtg 180
gagctctgta 190

<210> 78

<211> 148

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 78

aacagcagca gcagcagcag cgcctgtggg aaaaactaga ggctagagcc atggatgacc 60
aacgcgacct catctctaac catgaacagt tgcccatact gggcaaccgc cctagagagc 120
cagaaagggtg cagccgtgga gctctgta 148

<210> 79

<211> 124

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 79

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aacagttgcc catactgggc aaccgcccta gagagccaga aaggtgcagc cgtggagctc 120
tgta 124